Specifier Note: This specification section is provided in CSI 3-part format, and intended for use by designers to specify wood doors for construction projects. Delete types of doors not required. Notes to the specifier are included in blue text to help with editing. Paragraphs with choices have brackets ( ) to indicate where a selection needs to be made, for example door design #, species of wood for a door etc.. Questions? Please visit our website, www.simpsondoor.com or call customer service at 1-800-SIMPSON (746-7766).

SECTION 081400

WOOD DOORS

# GENERAL

## 1.1 SECTION INCLUDES

### This Section specifies stile and rail wood doors of the following types:

#### Exterior wood doors and sidelights.

#### Exterior French and sash doors and sidelights.

#### Interior wood doors and sidelights.

#### Interior fire-rated wood doors.

#### Custom wood doors.

### Related Work: The following items are not included in this Section and are specified under the designated Sections.

#### Section 061000 - Rough Carpentry: For rough opening and blocking.

#### Section 062000 - Finish Carpentry: For casing and trim.

#### Section 087100 - Door Hardware: For operating and locking hardware.

#### Section 099000 - Painting and Coating: For staining of doors and sidelights.

## 1.2 SUBMITTALS

### A. Product Data: Submit manufacturer's product data for each type of stile-and-rail wood door including elevations and details of construction.

### B. Shop Drawings: Submit shop drawings of wood doors including door type, door design number, door size, fire rating if applicable, hardware types and locations, hardware blocking requirements and location, panel layout, molding and sticking profile, vision panel, louver cutout or lite opening sizes and locations, and finishing.

### C. Verification Samples: Submit two corner samples, minimum 6 inches by 6 inches representing actual products and materials specified indicating visual characteristics and finish. Include range samples if variation of appearance is anticipated.

### D. Warranty: Submit manufacturer’s standard warranty.

## 1.3 QUALITY ASSURANCE

### A. Manufacturer’s Qualifications: Company specializing in manufacturing doors with a minimum of five years documented experience.

### B. Single Source Requirements: To the greatest extent practical, wood doors shall be supplied from a single manufacturer.

### C. Sustainable Construction: Paneled door construction shall limit use of formaldehyde products during fabrication. Paneled door shall bear the Four Star rating from the Japanese Ministry of Land, Infrastructure, Transportation and be compliant with California’s CARB Phase II program.

### D. Project Conditions: Maintain environmental conditions (temperature, humidity and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer’s recommended limits.

## 1.4 DELIVERY, STORAGE, AND HANDLING

### A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions, recommendations and industry standards.

### B. Store materials in manufacturer's original labeled packaging until ready for installation and in accordance with manufacturer's instructions. Protect from damage.

## 1.5 WARRANTY

### A. Manufacturer’s Warranty: Provide manufacturer’s standard limited warranty that each panel door bearing the manufacturer’s brand and identification mark complies with Industry Standard WDMA I.S.6A and all revisions in effect as of the date of manufacture, and that each such door, at the time of the shipment, is of good material and workmanship and free from defects that would render such door unserviceable or unfit for the ordinary, recommended use. This limited warranty applies to new doors other than those sold "as is".

#### Warranty Period: Exterior Door And Fire Door Limited Warranty – One year.

#### Warranty Period: Innerbond® Panels – Lifetime.

#### Warranty Period: Interior Doors – 10 years.

#### Warranty Period: Nantucket- Collection™ (Douglas Fir, Western Hemlock, Sapele Mahogany, Nootka Cypress) – 10 years.

#### Warranty Period: Performance Series® with WaterBarrier® Technology – 5 years.

#### Warranty Period: Performance Series® with UltraBlock® Technology – 5 years.

#### Warranty Period: Insulated Glass – 5 years.

# PRODUCTS

## 2.1 MANUFACTURER

### Acceptable Manufacturer: Simpson Door Company; 400 Simpson Ave.; McCleary, WA 98557. Toll Free Tel: 800 SIMPSON (746-7766). Email: SimpsonCustomerService@brandner.com. Web: www.simpsondoor.com.

## 2.2 Exterior Doors

### Specifier Note: Performance Series® is an upgrade option that can be added to your exterior door for added protection against the toughest outdoor exposures. Options include WaterBarrier® and/or UltraBlock® technologies.

### **A. Exterior Doors: Nantucket Collection™ as manufactured by Simpson Door Company.**

#### Construction:

###### Mortise-and-tenon joinery with face-driven pins.

###### Two-piece laminated stile-and-rail construction.

###### Divided lite doors made with SDL construction.

###### Design pressure ratings of (Specify Design Pressure rating); with additional hardware if required.

#### Door Design #: (\_\_\_\_), Glass Detail (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_).

#### Wood Species: Douglas Fir, Western Hemlock, Sapele Mahogany, Nootka Cypress

#### Tenon made of Hardwood.

#### Face pins to match wood species of door.

#### Thickness: 1-3/4" or 2-1/4".

#### Stiles: 5-1/2" wide.

#### Panel Detail: 3/4" Flat Panel or 1-7/16" Innerbond® Double Hip-Raised Panel

#### Moulding: Ovolo sticking or Shaker sticking

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

#### Glass Detail:

###### 3/4" Insulated Glazing Options - P-516, Bronze, Grey, Green Solex or Glue Chip, White Laminate, Clear Laminate, Seedy Baroque, Low-E Argon

#### Extended Warranty: 10-year warranty on doors made from Douglas Fir, Western Hemlock, Sapele Mahogany, and Nootka Cypress.

### **Exterior Doors: Mastermark® Collection as manufactured by Simpson Door Company.**

#### Construction:

a. Stile-and-rail construction

b. Decorative glass with caming details and insulated glass

##### c. UltraBlock® technology - composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

#### Door Design #:(\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

* + - 1. Transom Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Mastermark Collection doors available in any wood species. Insert wood species required.

#### Wood Species: (\_\_\_\_\_).

1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

#### Thickness: 1-3/4" or 2-1/4".

#### Panels Details: 1-1/4" or 1-7/16" Innerbond® Double Hip-Raised Panel.

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

Specifier Note: Not all designs offer the 3 caming options. Refer to manufacturer’s literature.

#### Glass Detail:

###### ¾” Insulated Decorative Glazing: Caming options – Black, Silver, Brass

###### 3/4" Insulated Glazing: Options - P-516, O32 Clear, Bronze. Grey, , Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray, Taffeta and Beveled.

Specifier Note: The Simpson Artist Collection® is an anthology of unique, door designs by select artists. Simpson partners with the artist to bring “commissioned art to the masses” with doors for America's most discriminating homeowners.

### **Exterior Doors: Artist Collection® as manufactured by Simpson Door Company.**

#### Construction:

###### Stile-and-rail construction

#### Door Design #:(\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Artist Collection doors available in any wood species. Insert wood species required

#### Wood Species: (\_\_\_\_\_).

* + - * 1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

#### Thickness: 1-3/4" or 2-1/4".

#### Groove Detail: U grooves are 1/8” x 1/8”

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

#### Glass Detail:

###### 3/4” Insulated Glazing: Options - P-516, O32 Clear, Bronze. Grey, , Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray, Taffeta and Beveled.

### **Exterior Doors: Craftsman Collection as manufactured by Simpson Door Company.**

#### Construction:

###### Stile-and-rail construction

###### Decorative glass with caming detail and insulated glass

###### UltraBlock® technology - composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

###### WaterBarrier® technology upgrade available: Medium density overlay (MDO) over the exterior surface of the door with PVC bars and glazing beads, primed ready for field paint. Wood species on the inside face. 5-year warranty with no building overhang required.

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

* + - 1. Transom Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Craftsman Collection doors available in any wood species. Insert wood species required

#### Wood Species: (\_\_\_\_\_).

* + - * 1. Popular species include Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

#### Thickness: 1-3/4" or 2-1/4".

#### Panel Detail: ¾” (19 mm) flat panel.

#### Moulding: Ovolo sticking or Shaker sticking

#### Rail: Arched.

#### Mutton: Angled.

#### Dentil Shelf # (door): (\_\_\_\_), Dentil Shelf # (sidelight):(\_\_\_\_\_)

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

Specifier Note: Not all designs offer the 3 caming options. Refer to manufacturer’s literature.

#### Glass Detail:

##### 3/4" Insulated Decorative Glazing: Caming options – Black, Silver, Brass

##### 3/4” Insulated Glazing: Options - P-516, O32 Clear, Bronze. Grey, , Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray, Taffeta and Beveled.

### **Exterior Doors: Bungalow Series® as manufactured by Simpson Door Company.**

#### Construction:

##### Stile-and-rail construction

##### Simpson' s ViewSaver® construction

##### UltraBlock® technology - composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

##### Insulated glass

##### Divided lite doors made with SDL or TDL Construction

###### WaterBarrier® technology upgrade available: Medium density overlay (MDO) over the exterior surface of the door with PVC bars and glazing beads, primed ready for field paint. Wood species on the inside face. 5-year warranty with no building overhang required.

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

* + - 1. Transom Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Bungalow Series doors available in any wood species. Insert wood species required.

#### Wood Species: (\_\_\_\_\_).

1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

#### Thickness: 1-3/4" or 2-1/4".

1. Panel Detail: 1-7/16" Innerbond® Double Hip-Raised Panel or Beaded V-Groove.

#### Dentil Shelf # (doors): (\_\_\_\_), Dentil Shelf # (sidelight):(\_\_\_\_\_).

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

#### Glass Detail:

###### 3/4" Insulated Glazing: Options - P-516, O32 Clear. Bronze. Grey.. Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray, Taffeta and Beveled.

### **F. Exterior Doors: Builder’s Advantage Series® as manufactured by Simpson Door Company.**

#### Construction:

##### Stile-and-rail construction

##### Decorative glass and caming detail

* + - * 1. UltraBlock® technology - composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

###### WaterBarrier® technology upgrade available: Medium density overlay (MDO) over the exterior surface of the door with PVC bars and glazing beads, primed ready for field paint. Wood species on the inside face. 5-year warranty with no building overhang required.

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

* + - 1. Transom Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Builders Advantage doors available in any wood species. Insert wood species required.

#### Wood Species: (\_\_\_\_\_).

1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

#### Thickness: 1-3/4" or 2-1/4".

#### Panels Detail: 3/4" VG Flat Panel

#### Dentil Shelf # (doors): (\_\_\_\_), Dentil Shelf # (sidelight):(\_\_\_\_\_).

Specifier Note: Not all designs offer the 3 caming options. Refer to manufacturer’s literature.

#### Glass Detail:

##### 3/4" Insulated Decorative Glazing: Caming options - Black, Silver, Brass

### **G. Exterior Doors: Selects Series as manufactured by Simpson Door Company.**

#### Construction:

1. Stile-and-rail construction
   1. Decorative glass and caming detail and insulated glass
   2. UltraBlock® technology - composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Selects Series doors available in any wood species. Insert wood species required.

### Wood Species: (\_\_\_\_\_).

1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

### Thickness: 1-3/4" or 2-1/4".

### Panels Detail: 1-1/4" Innerbond® Double Hip-Raised Panel

#### Dentil Shelf # (doors): (\_\_\_\_), Dentil Shelf # (sidelight):(\_\_\_\_\_).

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

Specifer Note: Not all designs offer the 3 camping options. Refer to manufacturer’s literature.

### Glass Detail:

* 1. 5/8" Insulated Decorative Glazing: Caming Options – Black, Silver, Brass
  2. ½” Insulated Glazing: Options - P-516, O32 Clear, Bronze. Grey, , Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray, Taffeta and Beveled.

### **H. Exterior Doors: Traditional Exterior Doors as manufactured by Simpson Door Company.**

#### 1. Construction:

1. Stile-and-rail construction
2. Insulated glass
3. UltraBlock® technology upgrade available: Composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

###### WaterBarrier® technology upgrade available: Medium density overlay (MDO) over the exterior surface of the door with PVC bars and glazing beads, primed ready for field paint. Wood species on the inside face. 5-year warranty with no building overhang required.

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Traditional doors available in any wood species. Insert wood species required.

### Wood Species: (\_\_\_\_\_).

* + - * 1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

### 5. Thickness: 1-3/4" or 2-1/4".

### 6. Panel Detail:

### 7000 Series Raised Panel: 1-7/16” Innerbond® panel with ¾” insulated glazed unit.

1. 7000 Series Flat Panel Design – ¾” (19 mm)
2. 2000 Series Raised Panel: ¾” panel with 1/8” single glazed unit.
3. 2000 Series Flat Panel Design – 3/8”

#### 7. Moulding: Shaker or Ovolo Sticking

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

8. Glass Detail:

a. 3/4" Insulated Glazing: Options - P-516, O32 Clear, Bronze, Grey, , zurelite, Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray, Taffeta and Beveled

1. **EXTERIOR FRENCH AND SASH DOORS**

Specifier Note: These doors have been tested for air, water and structural performance to rated design pressures and, when used in conjunction with our WaterBarrier technology option, are ideally suited for coastal areas or other regions affected by severe weather.

### **Exterior Doors: French Doors as manufactured by Simpson Door Company.**

1. Construction:
   1. Stile-and-rail construction
   2. Insulated Glass
   3. UltraBlock® technology upgrade available: Composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

###### WaterBarrier® technology upgrade available: Medium density overlay (MDO) over the exterior surface of the door with PVC bars and glazing beads, primed ready for field paint. Wood species on the inside face. 5-year warranty with no building overhang required.

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

* + - 1. Transom Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Available in any wood species. Insert wood species required.

##### Wood species: (\_\_\_\_).

* + - * 1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak
      1. Thickness: 1-3/4” or 2-1/4".

Specifier Note: Delete lite style not required.

##### Glass Panel:

###### ¾” (19 mm) Insulated Glass Panel: True Divided Lite (TDL) Style (\_\_\_).

###### ¾” (19 mm) Insulated Glass Panel: Simulated Divided Lite (SDL) Style (\_\_\_\_).

##### Glass Detail:

###### 3/4" Insulated Glazing: Options - P-516, O32 Clear, Bronze, Grey, , Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray, Taffeta and Beveled

### **Exterior Doors: Sash Doors as manufactured by Simpson Door Company.**

* 1. Construction

##### Stile-and-rail construction

##### Insulated Glass

* + - * 1. UltraBlock® technology upgrade available: Composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

###### WaterBarrier® technology upgrade available: Medium density overlay (MDO) over the exterior surface of the door with PVC bars and glazing beads, primed ready for field paint. Wood species on the inside face. 5-year warranty with no building overhang required.

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

* + - 1. Transom Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Available in any wood species. Insert wood species required.

##### Wood species: (\_\_\_\_).

* + - * 1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak
      1. Thickness: 1-3/4” or 2-1/4".

##### Panel Detail: 3/4" Flat Panel or 1-7/16" Innerbond® Double Hip-Raised Panel

#### Dentil Shelf # (doors): (\_\_\_\_), Dentil Shelf # (sidelight):(\_\_\_\_\_).

Specifier Note: Delete lite style not required.

1. Glass Panel:

##### ¾” (19 mm) Insulated Glass Panel: True Divided Lite (TDL) Style (\_\_\_\_).

##### ¾” (19 mm) Insulated Glass Panel: Simulated Divided Lite (SDL) Style (\_\_\_\_).

##### Glass Detail:

##### 3/4" Insulated Glazing: Options - P-516, O32 Clear, Bronze, Grey, , Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray, Taffeta and Beveled

### **Exterior Doors: Impact Resistant French Door as manufactured by Simpson Door Company.**

1. Construction

##### Stile-and-rail construction

##### Insulated Glass

1. Simulated Divided Lite (SDL) Construction
2. UltraBlock® technology upgrade available: Composite block material finger-jointed into the bottom of the stiles eliminates water infiltration, 5-year warranty

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Available in any wood species. Insert wood species required.

##### Wood species: (\_\_\_\_).

* + - * 1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

1. Thickness: 1-3/4” or 2-1/4".

##### Glass Detail:

##### 3/4" Insulated Glazing 0.090” PVB Laminated Impact Resistant Glass: Options – Satin Etch, P-516, Bronze, Grey,

##### Narrow Reed, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, and Taffeta

* 1. **INTERIOR WOOD DOORS**

### **Interior Wood Doors: Interior Panel & Bifold Doors as manufactured by Simpson Door Company.**

#### Construction

1. Stile-and-rail construction
   * + 1. Door Design #:(\_\_\_\_\_).

Specifier Note: Available in any wood species. Insert wood species required.

#### Wood species: (\_\_\_\_\_).

* + 1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

#### Thickness: 1-3/8” or 1-3/4”.

#### Panel Details: 3/8” VG Flat Panel or ¾” Double Hip-Raised Panel

#### Raised panel doors shall be Traditional Design (\_\_\_\_).

#### Flat panel doors shall be Traditional Design (\_\_\_\_).

#### Flat panel doors shall be Shaker Design (\_\_\_\_).

#### Flat panel bifold doors shall be Shaker Design (\_\_\_\_).

#### Flat panel bifold doors shall be Traditional Design (\_\_\_\_).

#### Raised panel bifold doors shall be Traditional Design (\_\_\_\_).

#### Flat panel doors shall be Chalkboard Design (\_\_\_\_).

### **Interior Wood Doors: Interior French Doors as manufactured by Simpson Door Company.**

#### Construction

1. Stile-and-rail construction
2. Decorative glass with caming details and single glazed glass
3. Face: Wood veneer
4. Auxiliary Materials: Glazed panels, transom panels, louvered panels

#### Door Design #: (\_\_\_\_), Glass Detail: (\_\_\_\_\_)

#### Sidelight Design #: (\_\_\_\_\_), Glass Detail: (\_\_\_\_\_)

Specifier Note: Available in any wood species. Insert wood species required.

#### Wood species: (\_\_\_\_).

* + - * 1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, Western Red Cedar, White Birch, and White Oak

1. Thickness: 1-3/8” or 1-3/4”.

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

##### Glass Panel:

##### Resin Panel Option: Amazon, Bamboo Rings, Natural, Bear Grass, Fossil Leaf Random, Shibuya White, Thatch, Tiger Thatch, Ting Ting, Wisp Silver)

* + - * 1. ¼” (6mm) monolithic – 1-1/8” beveled glass with brass bar design.

Specifier Note: Not all designs offer the 3 caming options. Refer to manufacturer’s literature.

1. Glass Detail:
   1. 5/8” (16 mm) Insulated Decorative Glazing: Caming Options – Black, Silver, Brass
   2. 1/8” Single Glazing: Options - P-516, O32 Clear, Bronze, Grey, , Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray and Beveled

## **Primed INTERIOR WOOD DOORS FOR FIELD FINISH**

### **Primed Interior Doors: Redi-Prime® interior panel and bifold doors as manufactured by Simpson Door Company**

#### Construction

1. Stile-and-rail construction
2. MDF veneers on stile and rail faces
3. Paint Grade
4. Door Design #:(\_\_\_\_\_), Glass detail: (\_\_\_\_\_)
5. Thickness: 1-3/8” or 1-3/4”.
6. Panel Details: 3/8” Flat Panel or ¾” Double Hip-Raised Panel
7. Moulding: Ovolo sticking or Shaker sticking

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

Specifier Note: Not all designs offer the 3 caming options. Refer to manufacturer’s literature.

1. Glass Detail:
   1. 5/8” Insulated Decorative Glazing: Caming options – Black, Silver, Brass
   2. 1/8” (3 mm) monolithic glass.

### **Primed Interior Doors: Redi-Prime® French doors as manufactured by Simpson Door Company**

#### Construction

1. Stile-and-rail construction
2. MDF veneers on stile and rail faces
3. Paint Grade
   * + 1. Door Design #:(\_\_\_\_\_), Glass detail: (\_\_\_\_\_)
       2. Thickness: 1-3/8” or 1-3/4”.
       3. Moulding: Ovolo sticking or Shaker sticking

Specifier Note: Not all designs offer a glass options. Refer to manufacturer’s literature. Delete if not required.

* + - 1. Glass Detail: 5/8” Insulated Decorative Glazing: Caming options – Black, Silver, Brass. Specifier Note: Not all designs offer the 3 caming options. Refer to manufacturer’s literature.
      2. 1/8” Single Glazing: Options - P-516, O32 Clear, Bronze, Grey, , Narrow Reed, Glue Chip, Rain, Delta Frost, Cross Reed, White Laminate, Clear Laminate, Seedy Baroque, , Heavy Water, Sable, Large Leaf, , Screen Dot, Rooftop, Sea Spray and Beveled

### **Fire-Rated Doors as manufactured by Simpson Door Company.**

### Construction – 20 Minute Fire Ratings

#### Doors shall comply with NFPA 252 (2003), UBC 7-2 (1994 and 1997), UL 10(c) (1998) and UL 10(b) (1997) as scheduled or required.

##### Doors shall be tested per ASTM E2074 (2000) - Standard Test Method for Fire Tests of Door Assemblies, Including Positive Pressure Testing of Side-Hinged and Pivoted Swinging Door Assemblies

##### Doors shall be tested per CAN/ULC S104 (1980 R1985) Third Edition Standard Method for Fire Tests of Door Assemblies.

* + - 1. Door Design #: (\_\_\_\_)

Specifier Note: Available in any wood species. Insert wood species required.

* + - 1. Wood Species: (\_\_\_\_)
         1. Popular species include: Douglas Fir, Ash, Bamboo, Cherry, Clear Alder, Eastern White Knotty Pine, Hickory, Knotty Alder, Maple, Nootka Cypress, Ponderosa Pine, Poplar, Quarter Sawn Red Oak, Quarter Sawn White Oak, Red Oak, Sapele Mahogany, Walnut, Western Hemlock, , White Birch, and White Oak
      2. Thickness: 1-3/4”
      3. Panel Detail: 1-7/16” Double Hip-Raised Fire-Rated Panel or ¾” Flat Fire-Rated Panel
      4. Moulding: Ovolo sticking or Shaker sticking

## **7. Custom Door style**

Specifier Note: Simpson can mix and match different glass, wood and designs to create a custom door.

### **Custom Doors Concept® Custom Door Gallery as manufactured by Simpson Door Company**.

# ParT 3 EXECUTION

## 3.1 EXAMINATION AND PREPARATION

### A. Examine and prepare openings and substrates using the methods recommended by manufacturer.

## 3.2 INSTALLATION

### A. Install in accordance with manufacturer’s instructions and in proper relationship with adjacent construction. Operate doors and adjust installation to provide proper operation of opening.

### B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION